

DETAILED ACTION

1. This Office Action is in response to Applicant's response and amendments filed 10/15/2007. Applicant has submitted new claims 66-81. Thus, claims 66-81 are examined.

2. Applicant's summary of the interview of 6/19/2007 is acknowledged.

EXAMINER'S AMENDMENT

3. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee. Authorization for this examiner's amendment was given in a telephone interview with Christopher J. Nichols on 12/12/07.

In the claims

4. Please amend the claims 66, 72, 75 and 76:

66. (Amended) An isolated polypeptide comprising:

- a) the amino acid sequence of SEQ ID NO[.]: 2 or
 - b) the amino acid sequence of amino acids 24 through 189 of SEQ ID NO[.]: 2;
- wherein said sequence comprises a G45R SNP.

72. (Amended) An isolated polypeptide comprising an amino acid sequence at least 95% identical to

- a) the amino acid sequence of SEQ ID NO[.]: or
- b) the amino acid sequence of amino acids 24 through 189 of SEQ ID NO[.]: 2;

Art Unit: 1647

wherein said sequence comprises a G45R SNP and said polypeptide exhibits at least one antiviral activity, antiproliferative activity, or immunomodulatory activity;

wherein said antiviral activity is against vesicular stomatitis virus or encephalomyocarditis virus;

wherein said antiproliferative activity is against TF-1 or Daudi Burkitt's cell line;

wherein said immunomodulatory activity is dendritic cell maturation, cytokine release by monocytes, CD4+ T-lymphocytes, or CD8+ T-lymphocytes.

75. (Amended) The polypeptide of claim 72, wherein said amino acid sequence is at least 97% identical to the amino acid sequence of amino acids 24 through 189 of SEQ ID NO[.]: 2.

76. (Amended) The polypeptide of claim 72, wherein said amino acid sequence is at least 99% identical to the amino acid sequence of amino acids 24 through 189 of SEQ ID NO[.]: 2.

5. Claims 66-81 are allowed.

Contact Information

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jegatheesan Seharaseyon, Ph.D whose telephone number is 571-272-0892. The examiner can normally be reached on M-F: 8:30-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Manjunath N. Rao, Ph. D can be reached on 571-272-0939. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 1647

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/Christine J Saoud/
Primary Examiner, Art Unit 1647

JS
Art Unit 1647
December 31st, 2007.